

**EI MASSRIA INTEGRATED SCHOOL**  
**DISCOVER DEPARTMENT**



**DISCOVER BOOKIET**

2023-2024

PRIMARY 2  
DISCOVER



**First Term**

# Chapter 1

## Lesson 1

### A Day In My Life

#### Family responsibilities

- 1-My dad can fix broken things.
- 2-My mum can cook.



#### My responsibilities in my family :

- 1-wake up early.
- 2-make my bed.
- 3-help my mother.
- 4-Tidy my room.



#### Choose :

- |                          |  |
|--------------------------|--|
| 1-I am responsible for   | ( fixing broken things- making my bed) |
| 2-My dad responsible for | (cooking food-fixing broken things)    |
| 3-I am responsible for   | (waking up late- waking up early)      |
| 4-My mum responsible for | (cooking food- fixing broken things)   |
| 5-I am responsible for   | (helping my mother- cooking food)      |

## Lesson 2

### Problem and solution

Problem	Solution
I feel hungry	I can eat fruit salad
I wake up late	I can use an alarm (set atimer)
Road is very busy	I can hold my sisters hand to be safe

## Choose :

- |                     |   |
|---------------------|---|
| 1-I feel hungry     | (eat fruit salad – use an alarm)          |
| 2-Wake up late      | (hold her sisters hand- set atimer)       |
| 3-Road is very busy | ( hold her sisters hand- eat fruit salad) |

## Lesson 3

### Working with my class mate

- 1-We can read astory together
- 2-We can color a picture together
- 3-We can play football together
- 4-We can act a play together



### I can cooperate at school :

- 1-I share my materials
- 2-I listen to my class mate
- 3-I treat my class mate with respect
- 4- I help my class mate
- 5- I share ideas with my class mate



### Cooperation means :

- 1-Helping others
- 2-listening to others
- 3-Sharing my materials
- 4-Sharing my ideas



Respect friends and classmates

- I will respect my friends and classmates by listening to what they have to say



**Put ( T ) OR ( F ) :**





- I Don't share my materials (    )
- 2-color a picture together (    )
- 3- listen to my class mate (    )
- 4-Ignore my class mate (    )
- 5-I don't share ideas (    )
- 6-I help my class mate (    )
- 7-Don't listen to others (    )
- 8-Treat my classmate with respect (    )
- 9-Act a play together (    )
- 10-Read a story together (    )



# Lesson 4

## Being respectful

### I am good citizen

Respect	Dis respect
1-I share my materials	1-I don't share materials
2-I share ideas	2-I don't share ideas
3-respect each others 	3-Beat my friend 
4-wait my turn 	4-Speak loudly and don't listen 
5-support others	
6-I use words "please" and "thank you"	

### Complete ( respect - dis respect)

- 1-I share my materials.....
- 2-I don't share ideas.....
- 3-support others.....
- 4-Beat my friend.....
- 5-Speak loudly and don't listen.....
- 6-I don't share materials.....
- 7-Respect each others.....
- 8-work to gether.....
- 9- Don't listen to others.....

10-use "please" and "thank you" .....

### **Choose :**

1-This is not my pen (honest- fair)

2-I Use "please" ( fair – respect)

3-This is not my bag (respect – honest)

4-wait my turn (respect – fair )

5- support others (respect – dis respect)

6-Beat my friend (respect – dis respect)

7-I Don't share ideas (dis respect – respect)

8-This is not my toy (fair- honest )

9-I share my materials ( respect – dis respect)

### **(good citizen - Bad citizen)**

1-share my materials.....

2-Respect each others.....

3-Don't share my materials.....

4-work to gether.....

5-speak loudly and don't listen.....

6-share my materials.....

7-Beat my friend.....

8-support others.....

9-use "please" .....

10-this is not my pen.....

11-Dis respect each others.....

12-this is not my toy.....

13-use "thank you" .....

# Lesson5

## Daily routine

Daily routine	Spare time
<p>I wake up early</p> 	<p>I swim</p> 
<p>I brush my teeth</p> 	<p>I play football</p> 
<p>I get dressed</p> 	<p>I watch t.v</p> 
<p>I eat my break fast</p> 	<p>Shopping for toys</p> 
<p>I go to school</p> 	<p>I play video games</p> 
<p>I eat my lunch</p>	
<p>I do my home work</p>	

## Match:

I eat my lunch

I swim

I brush my teeth

I go to school

I play football

I eat my break fast

I do my home work

I watch t.v

Shopping for toys

I get dressed

Daily routine

Spare time

## Lesson 6

### Reading a clock

Analog clock	Digital clock
	



## Time to try something new

Must do	Want to do
I must eat break fast	I want to watch t.v
I must study my lessons	I want to play football
I must clean my room	I want to eat ice- cream

## Complete:

## Watching t.v

studing

## Eating break fast

playing foot ball



## Eating ice- cream

shopping

Must Do	Want to do

# Lesson 7

## Peace maker or peace breaker

Peace maker	Peace breaker
Help others	Say bad words
Raise your hand 	Beat my friend 
Take care of books	Write on the desk
Tell the truth	Break the rules
Follow the rules	Interrupt in class
Listen to the teacher	Yell and scream
Talk quietly	Fight

**Choose: (peace - maker - peace - breaker)**

1-Help others.....

2-Say bad words.....

3-Raise your hand.....

4-Take care of books.....

5- Beat my friend.....

6-Tell the truth.....

7-Listen to the teacher.....

8-Fight.....

9-Write on the desk.....

## Lesson 8 - 9 - 10

### Strategies for peace

#### How to be a peace maker by using good words:

1-Ask for help

2-Apologize (Im sorry)

3-Ask politely (can you open the door "please")

4-Say stop (please stop saying bad words)

5-compromise

6-Go to another activity

7-Walk away

8-Brain storm solutions

#### Choose :

1-I feel hungry (eat fruit salad – use an alarm)

2-Wake up late (hold her sisters hand- set atimer)

3-Road is very busy ( hold her sisters hand- eat fruit salad)

1-I am responsible for ( fixing broken things- making my bed)

4-My dad responsible for (cooking food-fixing broken things)

5-I am responsible for (waking up late- waking up early)

6-My mum responsible for (cooking food- fixing broken things)

7-I am responsible for (helping my mother- cooking food)

1-I Don't share my materials ( )

2-color a picture together ( )

3- listen to my class mate ( )

4-Ignore my class mate ( )

5-I don't share ideas ( )

6-I help my class mate ( )

7-Don't listen to others ( )

8-Treat my classmate with respect ( )

9-Act a play to gether ( )

10-Read a story to gether ( )

**Complete ( respect - dis respect)**

1-I share my materials.....

2-I don't share ideas.....

3-support others.....

4-Beat my friend.....

5-Speak loudly and don't listen.....

6-I don't share materials.....

7-Respect each others.....

8-work to gether.....

9- Don't listen to others.....

10-use "please" and "thank you" .....

- 1-This is not my pen (honest- fair)
- 2-I Use "please" ( fair – respect)
- 3-This is not my bag (respect – honest)
- 4-wait my turn (respect – fair )
- 5- support others (respect – dis respect)
- 6-Beat my friend (respect – dis respect)
- 7-I Don't share ideas (dis respect – respect)
- 8-This is not my toy (fair- honest )
- 9-I share my materials ( respect – dis respect)

### **(good citizen - Bad citizen)**

- 1-share my materials.....
- 2-Respect each others.....
- 3-Don't share my materials.....
- 4-work to gether.....
- 5-speak loudly and don't listen.....
- 6-share my materials.....
- 7-Beat my friend.....
- 8-support others.....
- 9-use "please" .....
- 10-this is not my pen.....
- 11-Dis respect each others.....
- 12-this is not my toy.....
- 13-use "thank you" .....



## Match:

I eat my lunch

I swim

I brush my teeth

I go to school

I play football

I eat my break fast

I do my home work

I watch t.v

Shopping for toys

I get dressed

Daily routine

Spare time

## Complete:

Watching t.v

studing

Eating break fast

playing foot ball

Eating ice- cream

shopping

Must Do	Want to do

**Choose: (peace - maker - peace - breaker)**

1-Help others.....

2-Say bad words.....

3-Raise your hand.....

4-Take care of books.....

5- Beat my friend.....

6-Tell the truth.....

7-Listen to the teacher.....

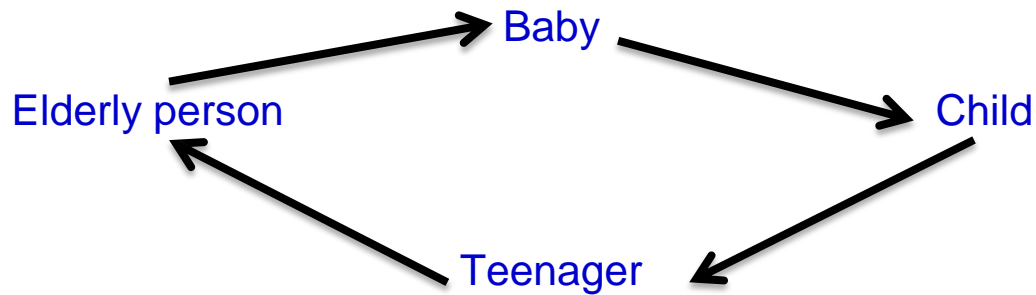
8-Fight.....

9-Write on the desk.....

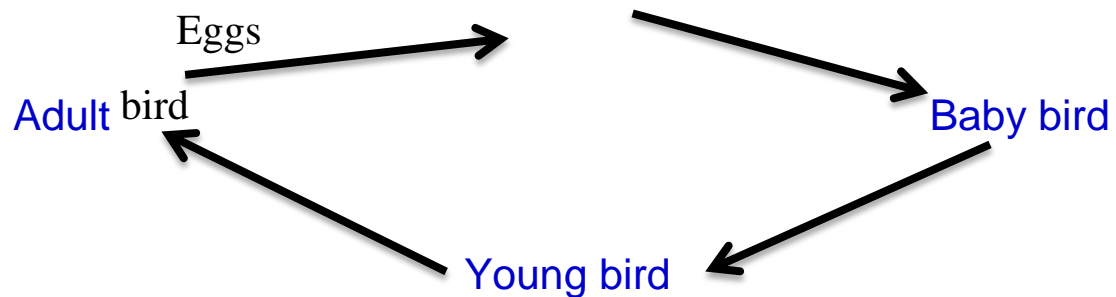
## Chapter 2

### Lesson 1

#### The baby's life cycle



#### Baby birds



#### Comparing life cycle:( different)

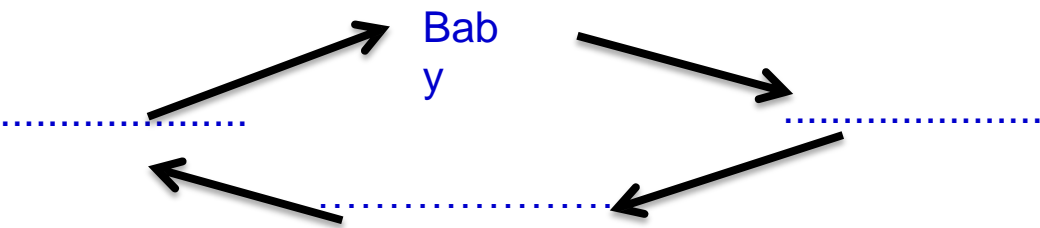
Humans	Birds
walking	Flying
Live in homes	Live in nests
Have arms	Have wings

#### The life cycles are similar because

Humans	Birds
Need food	Need food
Grow up	Grow up

Complete by using the words:

( teenager- elderly person- child)



Complete by using the words:

( young birds- eggs- adult bird)



Complete the table:

(walking- flying – live in nests –have arms- live in homes – have wings)

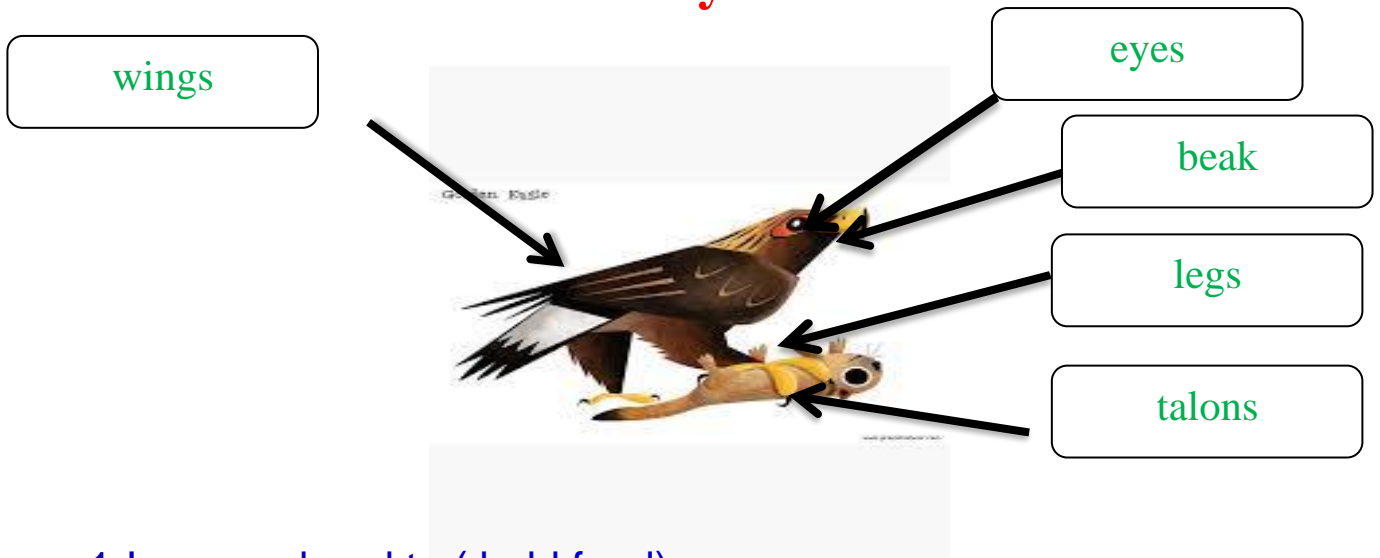
Humans	Birds
.....	.....
.....	.....
.....	.....

Complete the table:

(flying – walking – need food – grow up)

Human	Birds

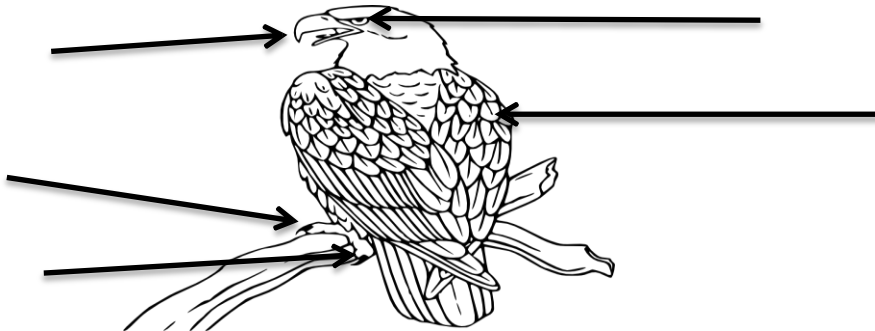
## The birds body



- 1-I use my hand to ( hold food)
- 2-I use my eyes to (see food)
- 3-I use my tongue to (taste food)

### Complete :

( legs- eyes – beak – talons – wings)



### Complete :

( eyes – tongue – hand)

- 1-I use .....to hold food
- 2- I use ..... to see food
- 3-I use ..... to taste food
- 4-I use eyes to ( hold food – see food)
- 5-I use tongue to (taste food – see food)



- 6-I use hand to (see food – hold food)
- 7-I use (eyes – tongue)to taste food
- 8-I use (eyes – hand) to hold food
- 9-I use (tongue – eyes ) to see food

## Lesson 3

### Golden eagle

- 1-Golden eagle eats ( rabbits – foxes – deer)
- 2-Golden eagle has ( good eye sight)
- 3-Golden eagle has (strong talons) to (catch) and carry its pray
- 4-(Strong beak) to (eat )
- 5-( Large wings) to (help fly)

#### **Complete :**

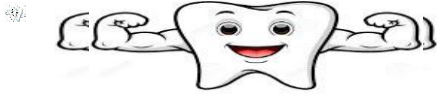
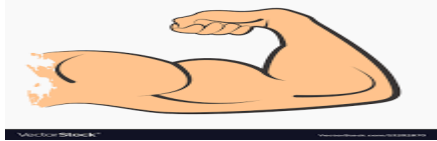

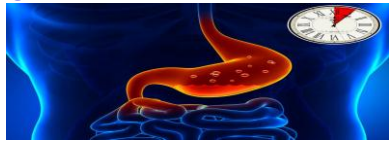

- 1-Golden eagle has good (eye – ear) sight
- 2- Golden eagle has alarge (beak – wings) to help it fly
- 3-Golden eagle use strong ( beak – talons) to eat
- 4-Golden eagle has strong (wings – talons) to catch

#### **Match :**

- |                                      |           |
|--------------------------------------|-----------|
| Golden eagle has good.....           | wings     |
| Golden eagle has strong.....to catch | beak      |
| Golden eagle has a large.....to fly  | talons    |
| Golden eagle use strong .....to eat  | eye sight |

## Lesson 4 -5

### How healthy foods help us

Milk – yogurt - cheese	Strong teeth 
Meat – fish – eggs - nuts	Strong muscles 
Fruits	Vitamins ( stay healthy) 
Vegetables	Digestion food 
Bread – rice - pasta	Thinking 

### **Choose :**

- 1-Milk and yogurt (strong muscles – strong teeth)
- 2-Meat and fish (strong muscles – strong teeth)
- 3- Fruits (stay healthy – thinking)
- 4-Bread and rice (food digestion – thinking)
- 5-Vegetables (food digestion – strong teeth)

### **Match :**

Yogurt and milk  
Meat and fish  
Vegetables  
Fruits  
Bread and rice

thinking  
stay healthy  
food digestion  
strong teeth  
strong muscles

## Lesson 6

### Cleaning vegetables

Vegetables from soil 	Very dirty
Using towel 	Dirty
Using brush 	Kind of dirty
Using water 	Very clean

### Match:

Using water	Very dirty
Vegetables from soil	Dirty
Using brush	Very clean
Using towel	Kind of dirty

### Choose :

How clean the vegetables are from the words below (very dirty – very clean – dirty – kind of dirty)

- 1- Using water.....
- 2- Using brush.....
- 3- Vegetables from soil.....
- 4-Using towel.....

# Lesson 7 – 8 – 9 – 10

## Engineering design process

- 1- Idea
- 2- Materials
- 3- Plan
- 4- Build
- 5- Improve



### Complete:

(materials – improve – build )

- 1- Idea
- 2-.....
- 3- Plan
- 4- .....
- 5- .....

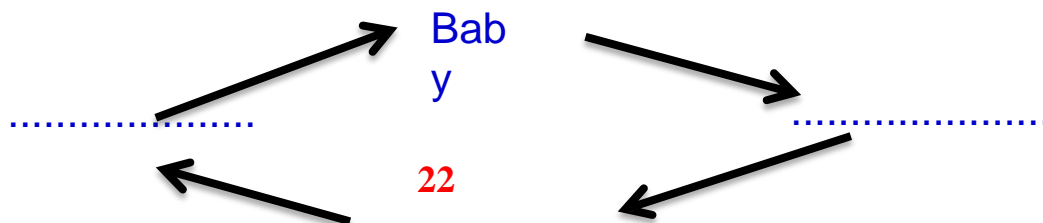
### Write each step in its place ( engineering design process)

( improve – idea – build – materials – plan )

- 1-.....
- 2-.....
- 3-.....
- 4-.....
- 5-.....

### Complete by using the words:

( teenager- elderly person- child)



.....

**Complete by using the words:**

( young birds- eggs- adult bird)



**Complete the table:**

(walking- flying – live in nests –have arms- live in homes  
– have wings)

Humans	Birds
.....	.....
.....	.....
.....	.....

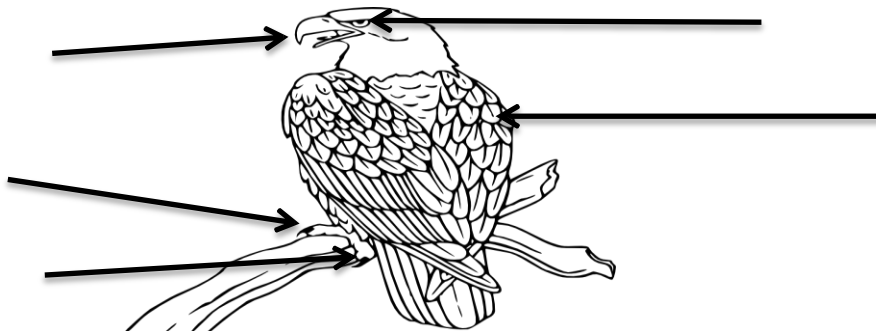
**Complete the table:**

(flying – walking – need food – grow up)

Human	Birds

**Complete :**

( legs- eyes – beak – talons – wings)





**Complete :**

( eyes – tongue – hand)

1-I use .....to hold food

2- I use ..... to see food

3-I use ..... to taste food

**Choose:**

1-I use eyes to ( hold food – see food)

2-I use tongue to (taste food – see food)

3-I use hand to (see food – hold food)

4-I use (eyes – tongue)to taste  
food

5-I use (eyes – hand) to hold  
food 6-I use (tongue – eyes ) to  
see food

5-Golden eagle has good (eye – ear) sight

6-Golden eagle has alarge (beak – wings) to help it fly

7-Golden eagle use strong ( beak – talons) to eat

8-Golden eagle has strong (wings – talons) to catch

**Match:**

Golden eagle has good

wings

Golden eagle has strong.....to catch

beak

Golden eagle has a large.....to fly

talons

Golden eagle use strong .....to eat

eye sight

**choose**

1-Milk and yogurt (strong muscles – strong teeth)

2-Meat and fish (strong muscles – strong teeth)

3-Fruits (stay healthy – thinking)

4-Bread and rice (food digestion – thinking)

5-Vegetables (food digestion – strong teeth)

**Match:**

Yogurt and milk	thinking
Meat and fish	stay healthy
Vegetables	food digestion
Fruits	strong teeth
Bread and rice	strong muscles

**Match:**

Using water	Very dirty
Vegetables from soil	Dirty
Using brush	Very clean
Using towel	Kind of dirty

**Choose :**

How clean the vegetables are from the words below (very dirty – very clean – dirty – kind of dirty)

- 4- Using water.....
- 5- Using brush.....
- 6- Vegetables from soil.....
- 4-Using towel.....

**Complete :**

(materials – improve – build )

- 1- Idea
- 2- .....
- 3- Plan
- 4- .....
- 5- .....

**Write each step in its place ( engineering design process)**

( improve – idea – build – materials – plan)










- 1-.....
- 2-.....
- 3-.....

4-.....

5-.....

# lesson 1

## categorizing jobs

Agricultural	Industrial	Commercial	Tourism	Stem
<p>Farmer</p> 	<p>Engineer</p> 	<p>Banker</p> 	<p>Tour guide</p> 	<p>Computer programmer</p> 
	<p>Construction worker</p> 	<p>Grocer</p> 	<p>Concierge</p> 	
		<p>Butcher</p> 		

# Chapter 3

## Lesson 2

### Personal interest survey

Agricultural jobs	Industrial job	Commercial job	Tourism job	Stem job
Taking care of animals	Build new houses (engineer)	Sell and buy goods (grocer)	Help tourists and visitors	Developing programs on computer
Plant fruits and vegetables	Fixing things (construction worker)	Help people to save their money (banker)	Planning events	
Tool	Tool	Tool	Tool	Tool
<p>Axe – tractor</p> 	<p>Tool box – drill</p> 	<p>Calculator — credit card machine</p> 	<p>Map – paper – pen</p> 	<p>Computer</p> 

Example	Example	Example	Example	Example
Farmer	Engineer	Grocer	Tour guide	Computer programmer
	Construction worker	Banker	Concierge	

## Lesson 3 – 4

### My favorite topic

Job	Favorite topic
Farmer	Science
Cashier	Math
Mechanic	Technology
Computer programmer	Technology
Concierge	Social studies
Doctor	Science
Construction worker	Math
Grocer	Math
Engineer	Math and technology
Tour guide	Social studies
Banker	Math

## Lesson 5- 6 -7- 8- 9 - 10

### Making choices with our income

- 1-Buying food (mum)
- 2-shopping for clothes (mum)
- 3-Buying a house (dad)
- 4-Transportation (dad)



## Revision

### Match:

Doctor

Construction worker

Tour guide

Farmer

Computer programmer

Concierge

Banker

Grocer

Tour guide

Butcher

tourism

industrial

stem

agricultural

commercial

### Choose :

1-farmer (agricultural – commercial )

2-construction worker (stem – industrial)

3-grocer (tourism – commercial)

4-concierge (tourism – stem)

5-engineer (tourism – industrial )

6-butcher (industrial – commercial)

7-Banker (stem – commercial)

8-Tour guide (tourism – commercial)

9-Computer programmer ( tourism – stem)

### Match:

Taking care of animals

Fixing things

Build houses

Sell and buy goods

Help tourists

Help people to save their money

Developing programs

Taking care of garden

engineer

banker

computer programmer

farmer

tour guide

grocer

**Match each job with its tool :**

Farmer	map
Construction worker	computer
Computer programmer	tractor
Banker	tool box
Tour guide	credit card machine

**Choose which topic did they need to study**

- 1-farmer (science – reading)
- 2-Concierge (arts – social studies )
- 3-banker ( math – science )
- 4-computer programmer ( arts – technology )
- 5-engineer ( math and technology – arts)
- 6-grocer ( math – science )
- 7-tour guide ( social studies – math )
- 8-construction worker ( arts – math )

**Match which topic did they need to study**

Farmer	
Banker	science
Butcher	social studies
Doctor	math
Grocer	math and technology
Computer programmer	technology
Engineer	
Concierge	
Tour guide	

**Choose:**

- 1-Buying food (mum – dad )
- 2-Transportation ( mum – dad )
- 3-Buying a house ( dad – mum )
- 4-Shopping for clothes (dad – mum )

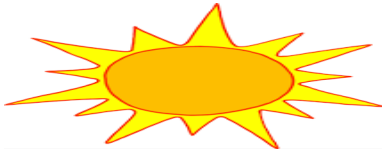


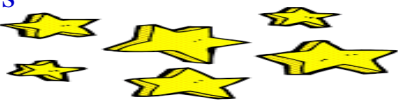



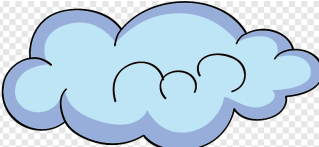
### Choose:

- |                                   |                                |
|-----------------------------------|--------------------------------|
| 1-Help tourists                   | (engineer – tour guide)        |
| 2-fixing things                   | (construction worker – farmer) |
| 3-taking care of animals          | (grocer – farmer )             |
| 4-Developing programs             | (computer programmer –         |
| engineer)                         |                                |
| 5-Build houses                    | ( concierge – engineer)        |
| 7-sell and buy goods              | ( grocer – farmer )            |
| 8-Help people to save their money | ( concierge – banker )         |
| 9-taking care of garden           | (farmer – tour guide )         |

## Chapter 4







### Lesson 1

#### What is in the night sky?

Day sky	Night sky
Sun 	Moon 
Rainbow 	Stars 
Bird 	Bat 
Cloud 	Cloud 

## Lessons 2 / 3

### Shape in the sky

<p>Orion =.....</p> 	<p>Hunter</p> 
<p>The formal name of the (big dog).....</p> 	<p>Canis major</p> 
<p>Sirius =.....</p> 	<p>Brightest star</p> 

## Lesson 4

### Is our sun like a star?

Questions	Sun	Stars
Can you read a book?	Yes	No
Do you see shadows?	Yes	No
Can you feel warm?	Yes	No

## Lesson 5


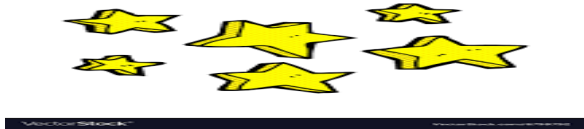

### How big is something far away

Sun	Stars
The sun appears bigger than other stars	The stars appears smaller than the sun
The sun is near to us than other stars	The stars are far away from us
The sun is bigger because it is near to us	The stars are smaller because they are far

## Lessons 6 / 7 / 8 / 9 / 10

### How bright is bright

Sun	Stars
The sun is brighter than other stars	Stars look dimmer than the sun
The sun is brighter than stars because the sun is near to us than stars	Stars look dimmer than the sun because stars are far from us

Space	Consists of many many galaxies 
Galaxy	Contains many many stars 
telescope	Can use to see the galaxies in the space 
The sun looks bigger	It is near to us than stars

The stars look smaller	They are far away from us
The sun brighter than stars	It is near to us than stars
The stars dimmer than the sun	They are far away from us

### **Match :**

Sun  
Moon  
Stars  
Bat  
Rainbow

Day sky  
Night sky

### **Fill the tabel:**

Sun – rainbow – moon – bat – stars – cloud

Day sky	Night sky

### **Match :**

Orion  
Big dog  
Sirius

canis major  
brightest star  
hunter

### **Choose:**

- 1-The formal name of big dog is ( Sirius – canis major)
- 2-The brightest star is ( sirius – orion)
- 3-A hunter called ( canis major – orion)
- 4-I can read a book in the (sun – stars )
- 5-I cant see a shadow in the ( sun – stars )
- 6-I can feel warmth in the (stars – sun )

- 7-I can see a shadow in the (sun – stars)
- 8-I cant feel warmth in the ( stars – sun )
- 9-I cant read a book in the (sun – stars )
- 10-The sun appears ( bigger than – smaller than ) other stars
- 11- The ( stars – sun ) are smaller because they are far
- 12- The sun is (near to – far away from ) us than other stars
- 13-The ( sun – stars ) is bigger because it is near to us
- 14- The stars appears smaller than the sun because they are ( near to – far away from ) us
- 15- The stars appears ( bigger than – smaller than ) the sun
- 16- The ( sun – stara ) is bigger because it is near to us

### **Complete**

**Sun – stars – far away from us – near to us – bigger than – smaller than**

- 1-The sun appears .....other stars
- 2-The.....are smaller because they are far
- 3-The .....is bigger because it is near to us
- 4-The stars appear .....the sun
- 5-The sun is bigger because.....
- 6-The stars are smaller because.....

### **Choose :**

- 1-Contains many many stars ( galaxy – space )
- 2-The sun looks bigger because ( they are far – it is near to us)
- 3-The stars look smaller because (it is near to us – they are far )
- 4-Consists of many galaxies ( space - galaxy )
- 5-Can use to see the galaxies in the space ( telescope – space)
- 6-the stars dimmer than sun because ( it is near to us – they are far )
- 7-The sun is brighter than stars because ( they are far – it is near to us )

### **Fill the table:**

**Space - galaxy – telescope**

.....	Contains many many stars
.....	can use to see the galaxies in the space
.....	Consists of many galaxies

# Chapter 5

## Our Egyptian environments

1-Desert  
3-City  
5-Forest

2-Farm land  
4-Ocean

### What is in a habitat?

Desert	Ocean	Forest	Farm land
Camel	Star fish	Bird	Chicken
Snake	Fish	Monkey	Rabbit
Fox	Sea horse	Lion	Cow
	Dolphin		Horse
			
			Donkey

### Birds of Egypt

Erget eats.....	<b>Worms</b>
Dove eats.....	<b>Seeds</b>
Goose eats.....	<b>Grass</b>

### Human changes

<b>Nile river</b>	The longest river in the world
<b>The dam</b>	It is a barrier across the water that can be opened and closed
<b>Aswan high dam</b>	Is a dam on the Nile river
<b>Lake Nasser</b>	Was formed when Aswan high dam was built



## Importance of dam :

- 1-Controlling flooding
- 2-Generating electricity

## match:

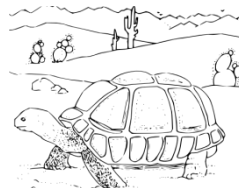
farm land

desert

city

ocean

forest



## Choose:

- |                                    |                       |
|------------------------------------|-----------------------|
| 1-The fish lives in the .....      | (city – ocean )       |
| 2-The camel live in the.....       | (forest – desert )    |
| 3-The dolphin lives in the.....    | (ocean – farm land )  |
| 4-The snake lives in the.....      | (desert – ocean )     |
| 5-The sea horse lives in the.....  | (forest – ocean)      |
| 6-The monkey lives in the.....     | (farm land – forest ) |
| 7-The lion lives in the .....      | (forest – farm land ) |
| 8-The cow lives in the .....       | (farm land – desert ) |
| 9-The donkey lives in the.....     | (ocean – farm land )  |
| 10-The fox lives in the.....       | (desert – ocean )     |
| 11-The chicken lives in the .....  | (desert – farm land ) |
| 12-The star fish lives in the..... | (ocean – desert )     |

13-The rabbit lives in the..... (desert – farm land )

14-The horse lives in the ..... (ocean – farm land )

### Match :

Camel

Fox

Fish

Chicken

Farm land

Lion

Forest

Dolphin

Ocean

Cow

Desert

Monkey

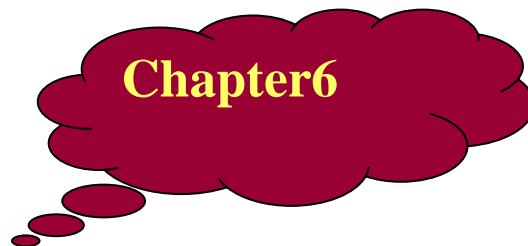
### Complete:

( Aswan high dam – Nile river – lake Nasser )

1-The longest river in the world.....

2-was formed when aswan high dam built.....

3-Is a dam on the Nile river.....

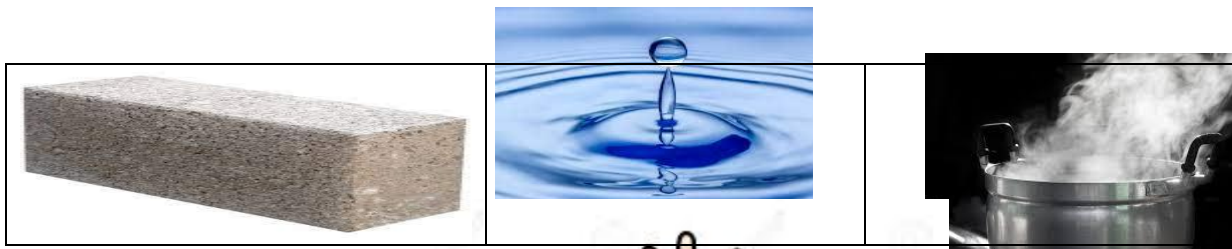


### Human made and natural object

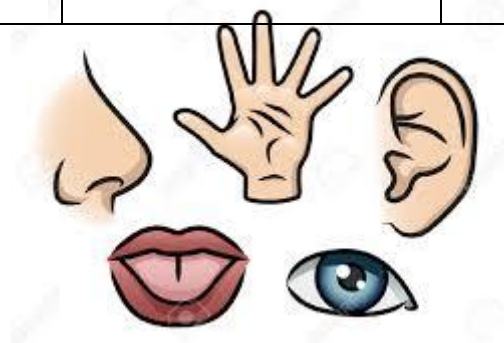
Human made	Natural
Axe	Tree
Bike	Sun
Car	Sky
Mobile	Mountains

### Three forms of matter

Solid	Liquid	Gas
Ice	Milk	Air inside the balloon
Car	Perfume	Water vapor
Pencil	Oil	
	Vinegar	



**How do we know?**



Sense	What properties can you observe ?
Sight	Can observe (color)
Hearing	Can observe (sound)
Smell	Can observe (odor )
Touch	Can observe (texture )
Taste	Can observe (flavor )

**Changing forms :**

Change	Warm up or cool down ?
Solid changes into liquid	Warm up
Liquid changes into solid	Cool down
Liquid changes into gas	Warm up
Gas changes into liquid	Cool down

**Our world**

1-Land

2-Clouds

3-Water (most of the surface of the earth is covered with water)

4-Ice

**Fresh water**

	Fresh water	Salt water
	Under ground water	Ocean
<b>Sources</b>	River	Sea
	Lake	
<b>Its used</b>	Bathing	Fishing
	Cooking	Swimming
	Drinking	

## Reversible and irreversible changes

Examples	Heating / cooling	Reversible / irreversible
Raw egg / cooked egg	Heating	Irreversible
Water / ice	Cooling	Reversible
Flour / bread	Heating	Irreversible
chocolate / melted chocolate	Heating	Reversible

## Monuments of Egypt

- 1-karnak temple ( the largest religious building ever made)
- 2-Al azhar mosque (the most important and the most famous mosque )
- 3-Cairo tower (the highest tower in Egypt)
- 4-Marks Coptic (the largest and the most famous church in Egypt)
- 5-The pyramids (the oldest stone building in the world )
- 6-Statue of saad zaghloul ( one of the most famous national leaders)

## CHOOSE

- 1-Axe ..... ( man made – natural )
- 2-Sky..... ( natural – man made )
- 3-Tree..... (man made – natural )
- 4-Mobile..... (man made – natural )
- 5-Car..... ( natural – man made )
- 6-Mountains..... (natural – man made )
- 7- sun..... (man made – natural )

## Match

Ice  
Milk  
Air inside the ballon  
Oil  
Vinegar  
Pencil  
Car  
Perfume

Gas  
Solid  
Liquid

## Complete :

( odor – color – texture – sound – flavor )

- 1-Sight sense can observe .....
- 2-Hearing sense can observe.....
- 3-Smell sense can observe.....
- 4-Touch sense can observe.....
- 5-Taste sense can observe.....

## Choose

- 1-Ice changes into water..... ( warm up – cool down )
- 2-Water changes into ice..... (warm up – cool down )
- 3-Water changes into water vapor....(warm up – cool down)
- 4-Water vapor touches the cold plate ( warm up – cool down )

## Match

River	
Lake	Salt water
Sea	Fresh water
Under ground water	
Ocean	

## Match

Bathing	
Fishing	Fresh water
Cooking	Salt water
Drinking	
Swimming	

## Choose

- 1-Ice can return water ( reversible - irreversible)
- 2-Cooked egg dosnt return raw egg (reversible – irreversible)
- 3-Melted ice cream can return ice (reversible \_irreversible)
- 4-Bread dosnt return flour (reversible \_ irreversible)
- 5-Melted chocolate can return chocolate (reversible \_irreversible)

## Match

Karnak temple	the highest tower in egypt
Al azhar mosque	the oldest stone building
Cairo tower	the largest religious building
Marks Coptic	famous national leaders
The pyramids	famous mosque
Statue of saad zaghloul	famous church

## Revision

### choose

1-I feel hungry	(eat fruit salad – use an alarm )
2-Wake up late	(hold her mothers hand – set a timer)
3-Road is very busy	(hold her mothers hand – use an alarm)
4-My dad is responsible for	(cooking food – fixing broken things)
5-My mum is responsible for	(cooking food – fixing broken things)
6-I share my materials	(respect – dis respect )
7-Beat my friend	( respect – dis respect )
8-Speak loudly and don't listen	( dis respect – respect )
9-Use "please" and "thank you"	(respect – dis respect )
10-Work together	(good citizen – bad citizen)
11-Dis respect each other	( good citizen – bad citizen )
12-I brush my teeth	(daily routine – spare time)
13-I play foot ball	(daily routine – spare time )
14-I use eyes to	(hold food – see food)
15-I use tongue to	(taste food – see food)\

- 16-Golden eagle has a large ( beak – wings ) to help it fly
- 17-Golden eagle use strong (wings – talons ) to eat
- 18-Golden eagle has strong (wings – talons ) to catch
- 19-Milk and yogurt (strong muscles – strong teeth)
- 20-Bread and rice (thinking – stay healthy)
- 21-Meat and fish (strong teeth – strong muscles)
- 22-Fruits (stay healthy – thinking)
- 23-Farmer (agricultural – commercial)
- 24-Engineer (stem – industrial)
- 25-Tour guide ( tourism – commercial )
- 26-Banker (stem – commercial )
- 27-Concierge (tourism – commercial )
- 28-Computer programmer (tourism – stem )
- 29-Butcher (commercial - stem )
- 30-Construction worker (agricultural – industrial )
- 31-The formal name of big dog (Sirius – orion )
- 32-The brightest star is (canis major – Sirius)
- 33-A hunter called (orion – Sirius )
- 34-The sun appears (bigger than – smaller than ) others stars
- 35-The..... ( stars – sun ) are smaller because they are far
- 36-The sun is ( near to – far away from )us than other stars
- 37-The stars appears ( bigger than – smaller than ) the sun
- 38-The stars appears smaller than the sun because they are (near to – far a way from ) us
- 39-Contains many many stars ( galaxy – space )
- 40-Consists of many galaxies ( space – galaxy )

- 41-The fish lives in the ( city – ocean )
- 42-The cow lives in the ( farm land – desert )
- 43-The camel lives in the (desert – city )
- 44-The monkey lives in the (ocean – forest )
- 45-Axe..... (man made – natural)
- 46-Sky..... ( natural – man made )
- 47-Tree..... (man made – natural )
- 48-Mobile..... (man made – natural )
- 49-River..... (salt water – fresh water )
- 50-Sea..... (salt water – fresh water)
- 51-Ocean..... (fresh water – salt water)
- 52-Lake..... (fresh water – salt water )
- 53-Ice..... ( solid – liquid)
- 54-Milk..... (liquid – gas )
- 55-Water vapor ..... ( solid – gas )

### Fill the table

**Eat fruit salad – set a timer – hold her mothers hand**

Problem	Solution
Road is very busy	.....
Wake up late	.....
I feel hungry	.....

### Fill the table

**Walking – flying – have wings – live in homes – have arms – live in nests**

Humans	Solution
.....	.....
.....	.....
.....	.....



## Fill the table

Camel – fish – dolphin – cow – chicken – monkey – lion – fox

Farm land	forest	ocean	desert
.....	.....	.....	.....
.....	.....	.....	.....

## Match

Ice

Milk                      solid

Oil                        gas

Water vapor            liquid

Car

## Match

River

Lake                      salt water

Sea                        fresh water

Ocean

## Match

Fishing

Cooking                      fresh water

Drinking                    salt water

Swimming

## Match

Grocer	agricultural
Computer programmer	industrial
Farmer	tourism
Construction worker	commercial
Concierge	stem

## Complete

### Respect – Honest – Dis respect

1-This is not my pencil.....

2-Beat my friend.....

3-Wait my turn.....

## Complete

### Sun – stars – space – galaxy – bigger than – smaller than

1-The.....is bigger than because it is near to us .

2-The stars appers.....the sun.

3-The .....are smaller because they are far .

4-Consists of many galaxies.....

5-Contains many many stars.....

6-The sun appears.....other stars

## Re- arrange

### Adult bird – egg – young bird – baby bird

1-.....

2-.....

3--.....

4-.....

## Complete :

1-Beat my friend..... (respect – dis respect )

2-Golden eagle use strong..... ( beak – wing ) to eat.

- 3-The brightest star is..... (Sirius – orion )  
 4-Milk and yogurt (strong muscles – strong teeth)  
 5-A hunter called..... (orion – canis major )  
 6-I feel hungry..... (eat fruit salad – set a timer )

### **Fill the table:**

Snake – fish – cow – camel – chicken – dolphin

Farm land	Ocean	Desert
.....	.....	.....
.....	.....	.....

### **Match**

- |                       |              |
|-----------------------|--------------|
| 1-Computer programmer | tourism      |
| 2-Farmer              | industrial   |
| 3-Tour guide          | commercial   |
| 4-Engineer            | stem         |
| 5-Banker              | agricultural |

### **Complete**

**Respect – Sun – Talons - Stars – Liquid – Solid**

- 1-The.....are smaller because they are far.  
 2-Ice is.....  
 3-I share my materials.....  
 4-The .....is bigger because it is near to us.  
 5-Oil is.....  
 6-Golden eagle has strong.....to catch.

### **Choose :**

- |                          |   |
|--------------------------|---|
| 1-I feel hungry          | (eat fruit salad – use an alarm)          |
| 2-Wake up late           | (hold her sisters hand- set a timer)      |
| 3-Road is very busy      | ( hold her sisters hand- eat fruit salad) |
| 1-I am responsible for   | ( fixing broken things- making my bed)    |
| 2-My dad responsible for | (cooking food-fixing broken things)       |
| 3-I am responsible for   | (waking up late- waking up early)         |

- 4-My mum responsible for (cooking food- fixing broken things)  
5-I am responsible for (helping my mother- cooking food)

**Put (✓) Or ✗**

- 1-I Don't share my materials ( )  
2-color a picture together ( )  
3- listen to my class mate ( )  
4-Ignore my class mate ( )  
5-I don't share ideas ( )  
6-I help my class mate ( )  
7-Don't listen to others ( )  
8-Treat my classmate with respect ( )  
9-Act a play together ( )  
10-Read a story together ( )

## **Complete ( respect - dis respect)**

- 1-I share my materials.....
- 2-I don't share ideas.....
- 3-support others.....
- 4-Beat my friend.....
- 5-Speak loudly and don't listen.....
- 6-I don't share materials.....
- 7-Respect each others.....
- 8-work to gether.....
- 9- Don't listen to others.....
- 10-use "please" and "thank you".....

## **Choose :**

- 1-This is not my pen (honest- fair)
- 2-I Use "please" ( fair – respect)
- 3-This is not my bag (respect – honest)
- 4-wait my turn (respect – fair )
- 5- support others (respect – dis respect)
- 6-Beat my friend (respect – dis respect)
- 7-I Don't share ideas (dis respect – respect)
- 8-This is not my toy (fair- honest )
- 9-I share my materials ( respect – dis respect)

## (good citizen - Bad citizen)

- 1-share my materials.....
- 2-Respect each others.....
- 3-Don't share my materials.....
- 4-work to gether.....
- 5-speak loudly and don't listen.....
- 6-share my materials.....
- 7-Beat my friend.....
- 8-support others.....
- 9-use "please" .....
- 10-this is not my pen.....
- 11-Dis respect each others.....
- 12-this is not my toy.....
- 13-use "thank you" .....

### Match:

I eat my lunch

**I swim**

I brush my teeth

I go to school

I play football

I eat my break fast

I do my home work

Daily routine

Spare time

I watch t.v

Shopping for toys

I get dressed

**Complete:**

Watching t.v

studing

Eating break fast

playing foot ball

Eating ice- cream

shopping

Must Do	Want to do

**Choose: (peace - maker - peace - breaker)**

1-Help others.....

2-Say bad words.....

3-Raise your hand.....

4-Take care of books.....

5- Beat my friend.....

6-Tell the truth.....

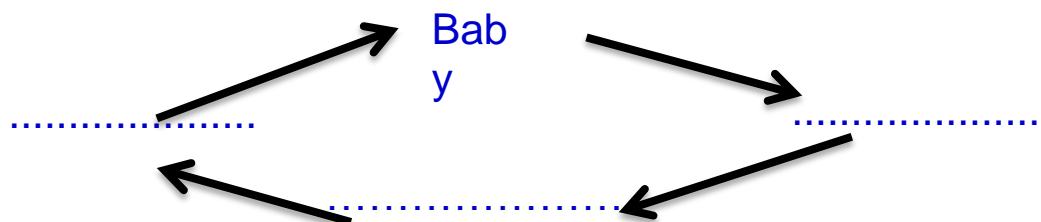
7-Listen to the teacher.....

8-Fight.....

9-Write on the desk.....

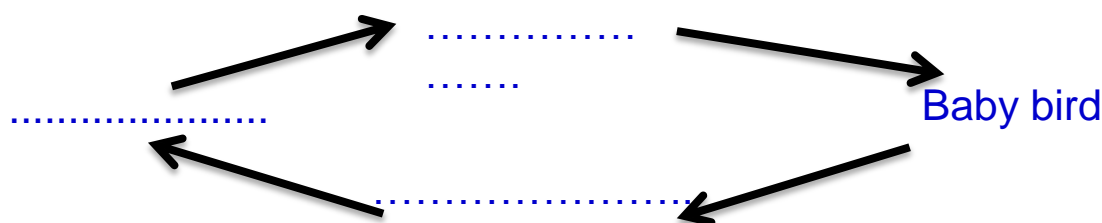
**Complete by using the words:**

( teenager- elderly person- child)



**Complete by using the words:**

( young birds- eggs- adult bird)



**Complete the table:**

(walking- flying – live in nests –have arms- live in homes – have wings)

Humans	Birds
.....	.....
.....	.....
.....	.....

**Complete the table:**

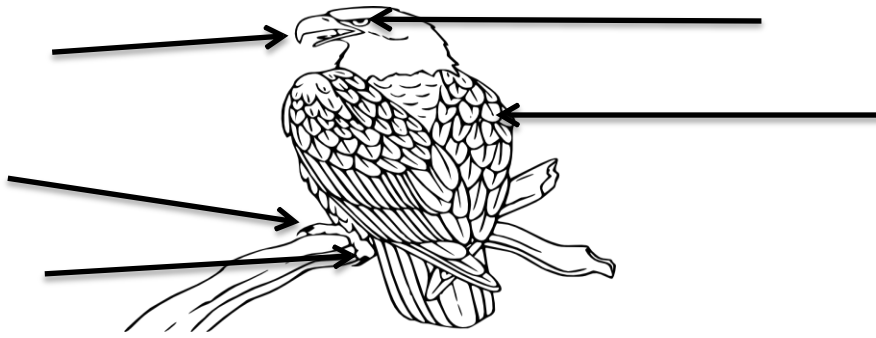
(flying – walking – need food – grow up)

Human	Birds



**Complete :**

( legs- eyes – beak – talons – wings)



**Complete :**

( eyes – tongue – hand)

1-I use .....to hold food

2- I use ..... to see food

3-I use ..... to taste food

**Choose:**

1-I use eyes to ( hold food – see food)

2-I use tongue to (taste food – see food)

3-I use hand to (see food – hold food)

4-I use (eyes – tongue)to taste food

**Choose:**

1-Golden eagle has good (eye – ear) sight

2-Golden eagle has a large (beak – wings) to help it fly

3-Golden eagle use strong ( beak – talons) to eat

4-Golden eagle has strong (wings – talons) to catch

5-I use (tongue – eyes ) to see food

6-I use (eyes – hand) to hold food

**Match:**

Golden eagle has good

wings

Golden eagle has strong.....to catch

beak

Golden eagle has a large.....to fly	talons
Golden eagle use strong .....to eat	eye sight

**Match:**

Yogurt and milk	thinking
Meat and fish	stay healthy
Vegetables	food digestion
Fruits	strong teeth
Bread and rice	strong muscles

**Match:**

Using water	Very dirty
Vegetables from soil	Dirty
Using brush	Very clean
Using towel	Kind of dirty

**Choose :**

How clean the vegetables are from the words below (very dirty – very clean – dirty – kind of dirty)

- 1-Using water.....
- 2- Using brush.....
- 3-Vegetables from soil.....
- 4-Using towel.....

**Write each step in its place ( engineering design process)**

( improve – idea – build – materials –  
plan )

- 1-.....
- 2-.....
- 3-.....
- 4-.....
- 5-.....

**Match:**

Doctor

Construction worker

Tour guide

Farmer

Computer programmer

Concierge

Banker

Grocer

Tour guide

Butcher

tourism

industrial

stem

agricultural

commercial

**Choose :**

1-farmer (agricultural – commercial )

2-construction worker (stem – industrial)

3-grocer (tourism – commercial)

4-concierge (tourism – stem)

5-engineer (tourism – industrial )

6-butcher (industrial – commercial)

7-Banker (stem – commercial)

8-Tour guide (tourism – commercial)

9-Computer programmer ( tourism – stem)

**Match:**

Taking care of animals	engineer
Fixing things	banker
Build houses	computer programmer
Sell and buy goods	farmer
Help tourists	tour guide
Help people to save their money	grocer
Developing programs	
Taking care of garden	

**Match each job with its tool :**

Farmer	map
Construction worker	computer
Computer programmer	tractor
Banker	tool box
Tour guide	credit card machine

**Choose which topic did they need to study**

1-farmer	(science – reading)
2-Concierge	(arts – social studies )
3-banker	( math – science )
4-computer programmer	( arts – technology )
5-engineer	( math and technology – arts)
6-grocer	( math – science )
7-tour guide	( social studies – math )
8-construction worker	( arts – math )

**Match which topic did they need to study**

Farmer	
Banker	science
Butcher	social studies
Doctor	math
Grocer	math and technology
Computer programmer	technology
Engineer	
Concierge	
Tour guide	

### **Choose:**

- 1-Buying food (mum – dad )
- 2-Transportation ( mum – dad )
- 3-Buying a house ( dad – mum )
- 4-Shopping for clothes (dad – mum )

### **Choose:**

- 1-Help tourists (engineer – tour guide)
- 2-fixing things (construction worker – farmer)
- 3-taking care of animals (grocer – farmer )
- 4-Developing programs (computer programmer – engineer)
- 5-Build houses ( concierge – engineer)
- 7-sell and buy goods ( grocer – farmer )
- 8-Help people to save their money ( concierge – banker )
- 9-taking care of garden (farmer – tour guide )

### **Put ( T ) or ( F )**

- 1-the farmer category is industrial ( )
- 2-the engineer category is industrial ( )
- 3-the grocer category is commercial ( )
- 4-the concierge category is stem ( )
- 5-the butcher category is commercial ( )
- 6-the tour guide category is tourism ( )
- 7-the computer programmer category is stem ( )
- 8-the construction worker category is stem ( )

### **Match :**

Sun

Moon

Stars

Bat

Rainbow

Day sky

Night sky

## **Fill the tabel:**

Sun – rainbow – moon – bat – stars – cloud

Day sky	Night sky

## **Match :**

Orion	canis major
Big dog	brightest star
Sirius	hunter

## **Choose:**

- 1-The formal name of big dog is ( Sirius – canis major)
- 2-The brightest star is ( sirius – orion)
- 3-A hunter called ( canis major – orion)
- 4-I can read a book in the (sun – stars )
- 5-I cant see a shadow in the ( sun – stars )
- 6-I can feel warmth in the (stars – sun )
- 7-I can see a shadow in the (sun – stars)
- 8-I cant feel warmth in the ( stars – sun )
- 9-I cant read a book in the (sun – stars )
- 10-The sun appears ( bigger than – smaller than ) other stars
- 11- The ( stars – sun ) are smaller because they are far
- 12- The sun is (near to – far away from ) us than other stars
- 13-The ( sun – stars ) is bigger because it is near to us
- 14- The stars appears smaller than the sun because they are ( near to – far away from ) us
- 15- The stars appears ( bigger than – smaller than ) the sun
- 16- The ( sun – stara ) is bigger because it is near to us

## **Complete**

**Sun – stars – far away from us – near to us – bigger than – smaller than**

- 1-The sun appears .....other stars
- 2-The.....are smaller because they are far
- 3-The .....is bigger because it is near to us
- 4-The stars appear .....the sun

- 5-The sun is bigger because.....
- 6-The stars are smaller because.....

**Choose :**

- 1-Contains many many stars ( galaxy – space )
- 2-The sun looks bigger because ( they are far – it is near to us)
- 3-The stars look smaller because (it is near to us – they are far )
- 4-Consists of many galaxies ( space - galaxy )
- 5-Can use to see the galaxies in the space ( telescope – space)
- 6-the stars dimmer than sun because ( it is near to us – they are far )
- 7-The sun is brighter than stars because ( they are far – it is near to us )

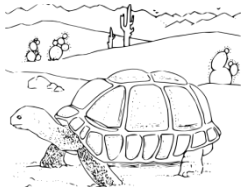
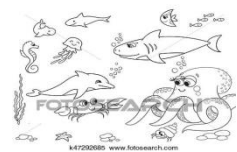
**Fill the table:**

Space - galaxy – telescope

.....	Contains many many stars
.....	can use to see the galaxies in the space
.....	Consists of many galaxies

**match:**

- farm land
- desert
- city
- ocean
- forest



### Choose:

- 1-The fish lives in the ..... (city – ocean )
- 2-The camel live in the..... (forest – desert )
- 3-The dolphin lives in the..... (ocean – farm land )
- 4-The snake lives in the..... (desert – ocean )
- 5-The sea horse lives in the..... (forest – ocean)
- 6-The monkey lives in the..... (farm land – forest )
- 7-The lion lives in the ..... (forest – farm land )
- 8-The cow lives in the ..... (farm land – desert )
- 9-The donkey lives in the..... (ocean – farm land )
- 10-The fox lives in the..... (desert – ocean )
- 11-The chicken lives in the ..... (desert – farm land )
- 12-The star fish lives in the..... (ocean – desert )
- 13-The rabbit lives in the..... (desert – farm land )
- 14-The horse lives in the ..... (ocean – farm land )

### Match :

Camel

Fox

Fish

Chicken

Farm land

Lion

Forest

Dolphin

Ocean

Cow

Desert

Monkey

### Complete:

( Aswan high dam – Nile river – lake Nasser )

- 1-The longest river in the world.....
- 2-was formed when aswan high dam built.....
- 3-Is a dam on the Nile river.....

### CHOOSE

- 1-Axe ..... ( man made – natural )
- 2-Sky..... ( natural – man made )
- 3-Tree..... (man made – natural )
- 4-Mobile..... (man made – natural )
- 5-Car..... ( natural – man made )
- 6-Mountains..... (natural – man made )
- 7- sun..... (man made – natural )



### Match

Ice

Milk

Air inside the ballon

Oil

Vinegar

Pencil

Car

Perfume

Gas

Solid

Liquid

### Complete

( odor – color – texture – sound – flavor )

1-Sight sense can observe .....

2-Hearing sense can observe.....

3-Smell sense can observe.....

4-Touch sense can observe.....

5-Taste sense can observe.....

### Choose

1-Ice changes into water..... ( warm up – cool down )

2-Water changes into ice..... (warm up – cool down )

3-Water changes into water vapor....(warm up – cool down)

4-Water vapor touches the cold plate ( warm up – cool down )

### Match

River

Lake

Sea

Under ground water

Ocean

Salt water

Fresh water

### Match

Bathing

Fishing

Cooking

Drinking

Swimming

Fresh water

Salt water

### Choose

1-Ice can return water ( reversible - irreversible)

2-Cooked egg dosnt return raw egg (reversible – irreversible)

3-Melted ice cream can return ice (reversible \_irreversible)

- 4-Bread dosnt return flour (reversible \_ irreversible)  
 5-Melted chocolate can return chocolate (reversible \_ irreversible)

### Match

Karnak temple	the highest tower in egypt
Al azhar mosque	the oldest stone building
Cairo tower	the largest religious building
Marks Coptic	famous national leaders
The pyramids	famous mosque
Statue of saad zaghoul	famous church

### 1- Choose:

- 1-I am responsible for  
 (waking up early – waking up late)  
 2-My mum is responsible for  
 (fixing broken things – cooking)  
 3- My dad is responsible for  
 (fixing broken things –cooking)  
 4- I share my materials (respect – dis respect)  
 5- Speak loudly and don't listen ( respect – dis respect)

### 2-Complete:

Hold her Mothers hand- use an alarm – Eat fruit salad

Problem	Solution
Wake up late	.....
I still hungry	.....
Road is very busy	.....

### 3-Match:

Eat my break fast	
I Draw	Daily routine
I Go to school	Spare time
I Swim	